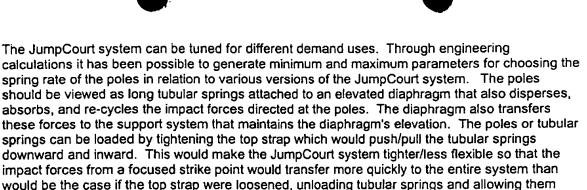
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the JumpCourt and the net/woven fabric material used).

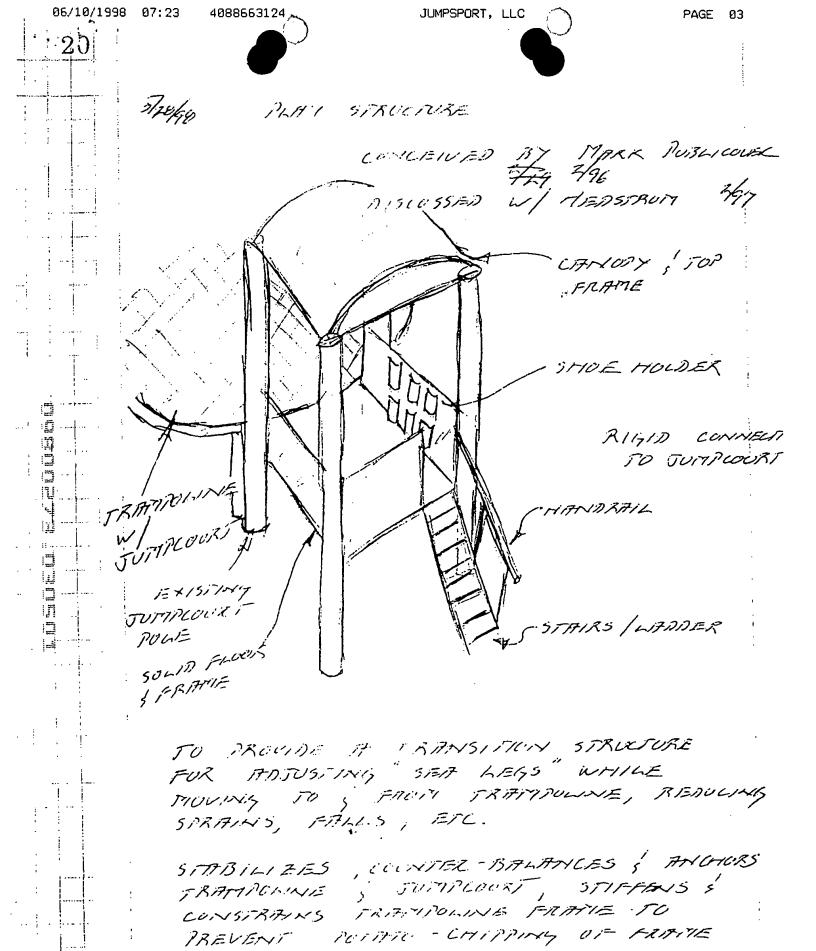


Poles can also be mounted inside the circumference of the frame making it easier to install the JumpCourt system where space is too limited for exterior mounted poles. This change however has little or no effect on the way the does system was designed to manage the forces of impact.

more space to flex, thus delaying transfer time and making any impact with the net feel "softer" which would be better for lighter individuals. Loading the poles/tubular springs in this way works on the same principle as loading a bow for the purpose of shooting arrows. Another novel feature, when the poles begin to fatigue over time the top strap may be tightened to compensate for this increased flexibility and the net may be adjusted or trimmed (depending on the version of

The net may be suspended on the inside or outside of the poles. The straps and shock cords that are wrapped around the foam and inline with it are not necessary when the net is installed outside the poles. Of course the top/bottom straps may still be tightened to load the tubular springs/poles, and the foam padding which surrounds the poles still acts like a shock absorber for the net which constitutes another novel feature. For example, an impact to the net at one spot would tension it around its entire circumference compressing the foam padding on all poles. The net may also be suspended inside one pole and outside the adjacent poles or in any other in/out configuration depending on the desired impact absorption qualities being sought-after in a particular JumpCourt design.

The trick to designing the JumpCourt system with poles/tubular springs connected at top with a flexible inelastic, semi elastic, or elastic top strap was to engineer it so that the impact forces transferring to the trampoline frame did so in a manner which took advantage of the structural strengths of the trampoline in its entirety.k None of the other artwork shows this kind of impact forces management system. For instance, if any impact to the net occurred at a midpoint between two poles and the top and bottom of the net, only the JumpCourt system could respond in the following manner. The tops of the poles/tubular springs are allowed to flex downward toward each other, toward the area of impact. This loading of tubular springs works on the same principle as loading a bow for the purpose of shooting arrows. This effect makes it possible for the JumpCourt system to conserve more of the impact force energy in the poles/tubular springs enabling the system to more efficiently re-cycle this energy back into the impacting body for the purpose of returning it to the trampoline surface. None of the other artwork cited which shows a safety fence connected to an elevated diaphragm demonstrates the ability of the poles to flex downward and toward each other at the same time and this is a significant difference between the art. Because the tops of the poles/tubular springs are connected by a flexible cord they are not as limited in their range of motion as would be the case if they were connected by an inflexible cord. This additional freedom of movement in the poles enables the net to more completely conform to the surface of an impacting body, distributing the forces of impact over a larger surface area on the body which reduces the likelihood of injury.



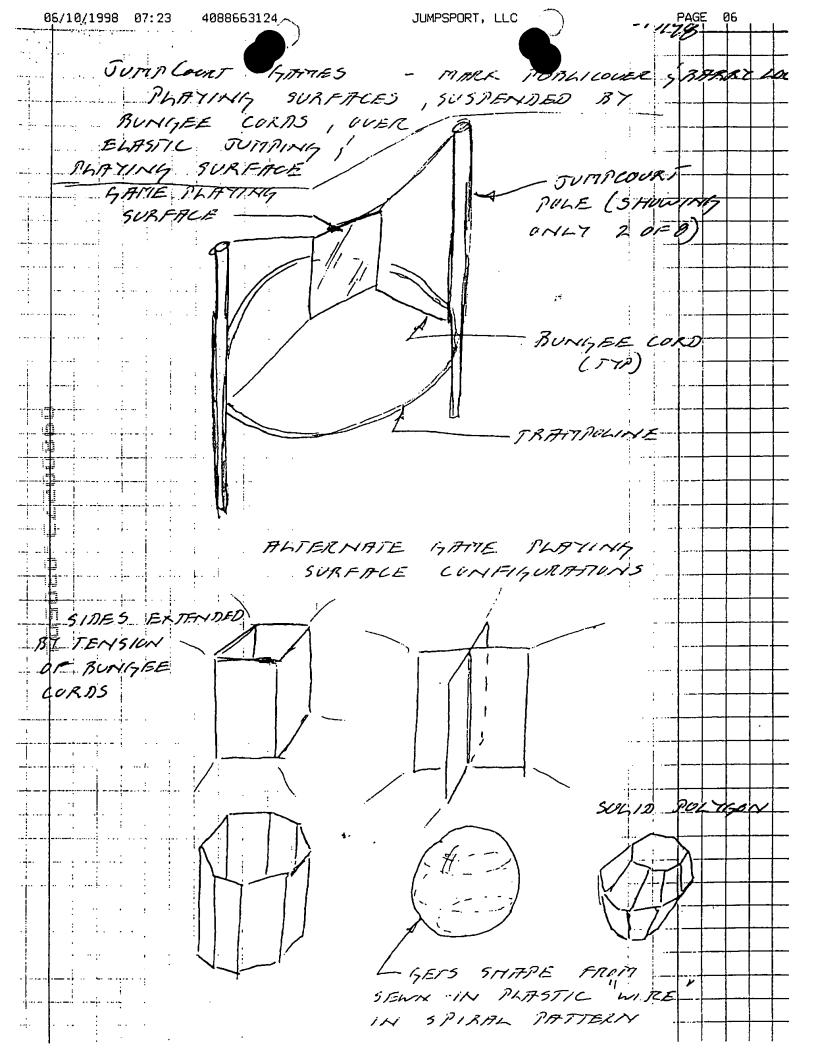
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NURLICOURT , TUM LYNCH (ALLED

STEEL) 12/15/97 (REF DERSONEL NOTEBOUK) SWAYE JUINT ON STEEL PULES-NOW REPLACED WITH SLIP-FIT 50141 - INCREASED WALL THICKNESS AT HUGH - STRESS POINT, BEDUCKE STRESS LEVEL - REDUCED PACKAGING SIZE BY PACKAGING UPPER PULE MISIDE LOWER POLE INSIDE FURTY PADDING PARRING PROTECTS SURFACE FINISH OF LOWER POLE EXTERIOR. SLIZ-FITTING DULIES REDUCES PACKAGE 5) ZE (; SHIPPING COSTS), REDUCES CRUSHING OF NUN-STEEL PARTS (EG VIDEO TARE), REDUCES MATERIAL MUVELLENT BUID USE OF PACKAGE INSERIS. SUID-FITTED POURS STIFFEN BUX, ALLOWING HIGHTER BUX MATERIAL W/ LESS REINFORD MENTS, PREVENTS STACKED BOXES FROM CRUSHING LOWER BOXES FUAM PARAING FALCTION FIT AGAINST HOWER SUPPORT TUBE PREVENTS TUBE MOVEMENT-IN PACKAGING & SUBSEQUENT DUNCHING OUT OF BUX END. - PULLS PIE (PARTIAL) ASSEDDED ALLOWING CONSUMER TO PRINCEL POLE ASSY. - SLIP-FIT BECOMES QUARTIT IN SPECTION, MITHING SURE POWES Ship-FIT IN PACKAGING BEFOREA

- CAPS FITTED MALE-FEMALE SINGLE STACK TO BEAUCE PACKAGE SPACE.

- SLIP - FIT PLLOWS TUNING OF SPRING CHARTCHERISTICS BY REDUCING TE CHATTLEUM WENGTH. PLSO PHOWS AFFIRCHMENT TO SHORT - W TRAMPOWINES BY INCREASING SLIP - FIT.



JUMPSPORT, LLC 06/10/1998 07:23 4088663124/ GAMIES UTILIZE FABRIC (SMOOTH AND OUR MAPPIED) SURFACE POR STRUCTURED NUN- TEROSATTE HATTIE ACTIVITIES, COMBINING ETE-HAND AHILLITY WITH JUMPING & BOUNCING ON A JUMPING SURFACE "PRE-SCHOOL PAK" CAN COMBINE ABOUT WITH ENUCATIONAL DIRECTORY (LEARNING TO TELL TIME ON A CLOCK FACE, NORTH - GOUSTY - EAST-WEST, NUMBERS, COLORS, ANIMALS, 511717) GATTLES REQUIRE OUTINING ON OR OUMPING TO REMOVE OR PLACE JOY MARKERS AS THE ANSWER, OR AS THE PHAYERS RESPONSE C'MUVE IN THE GAME. GATILES COULD INVULVE PLACING A MARKER TO TELL OR ILLUSTRATE A STURY. JUMPING SURFACE GATTLES SURFACE TITELY MENT TIES 5/7.17p -50 10/55/171478

